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**From:** Pfahles-Hutchens, Andrea [Pfahles-Hutchens.Andrea@epa.gov]  
**Sent:** 11/29/2018 8:39:23 PM  
**To:** Jon, Jay [Jon.Jay@epa.gov]; Nguyen, Nhan [Nguyen.Nhan@epa.gov]  
**CC:** Scarano, Louis [Scarano.Louis@epa.gov]; Austin, Sharon [Austin.Sharon@epa.gov]  
**Subject:** Re: Action - FW: Heads up and Input on Risk Evaluation Documents  
**Attachments:** OSWER short term.pdf

Jay,  
What we need for the risk assessment is the **Ex. 5 Deliberative Process (DP)**  
**Ex. 5 Deliberative Process (DP)** we **Ex. 5 Deliberative Process (DP)**  
**Ex. 5 Deliberative Process (DP)** ORD also mentioned that we have special scenarios that we use as an Agency  
specifically for asbestos developed by OSWER. **Ex. 5 Deliberative Process (DP)**  
information. That's why we need to look at **Ex. 5 Deliberative Process (DP)**  
**Ex. 5 Deliberative Process (DP)** Tom  
said that it is used most often because asbestos is so different with fibers. This is also what we will likely use to  
determine risk from short term exposures.

Andrea

Andrea Pfahles-Hutchens  
Epidemiologist  
US EPA  
(202)564-7601

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**From:** Jon, Jay  
**Sent:** Thursday, November 29, 2018 2:27:05 PM  
**To:** Nguyen, Nhan  
**Cc:** Pfahles-Hutchens, Andrea; Scarano, Louis; Austin, Sharon  
**Subject:** RE: Action - FW: Heads up and Input on Risk Evaluation Documents

Nhan,

We are working on it by each COU.  
Note that these are drafts and currently being updated based on workgroup inputs.

Jay

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**From:** Nguyen, Nhan  
**Sent:** Thursday, November 29, 2018 1:57 PM  
**To:** Jon, Jay <Jon.Jay@epa.gov>; Prothero, Scott <Prothero.Scott@epa.gov>; Macek, Greg  
<Macek.Greg@epa.gov>; Hall, Franklyn <Hall.Franklyn@epa.gov>  
**Subject:** Action - FW: Heads up and Input on Risk Evaluation Documents

Please send me the most recent engineering report so I can forward to OSHA for review.

By cob today will be great

Thanks

Nhan

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**From:** Nguyen, Nhan

**Sent:** Thursday, November 29, 2018 1:55 PM

**To:** Schaeffer, Val - OSHA <[Schaeffer.Val@dol.gov](mailto:Schaeffer.Val@dol.gov)>; Berr, Jonathan - OSHA <[Berr.Jonathan@dol.gov](mailto:Berr.Jonathan@dol.gov)>

**Cc:** Coble, Joe - OSHA <[Coble.Joe@dol.gov](mailto:Coble.Joe@dol.gov)>; Schayer, Stephen - OSHA <[Schayer.Stephen@dol.gov](mailto:Schayer.Stephen@dol.gov)>; Guzman, Casimiro A. - OSHA <[Guzman.Casimiro@dol.gov](mailto:Guzman.Casimiro@dol.gov)>; Prothero, Scott <[Prothero.Scott@epa.gov](mailto:Prothero.Scott@epa.gov)>; Macek, Greg <[Macek.Greg@epa.gov](mailto:Macek.Greg@epa.gov)>; Hall, Franklyn <[Hall.Franklyn@epa.gov](mailto:Hall.Franklyn@epa.gov)>; Jon, Jay <[Jon.Jay@epa.gov](mailto:Jon.Jay@epa.gov)>

**Subject:** RE: Heads up and Input on Risk Evaluation Documents

Hi Val:

Great – thanks.

## Ex. 6 Personal Privacy (PP)

I will be sending you the draft OE&ERAs. The risk evaluations are still very rough at this point and expected to be quite lengthy.

For asbestos, Jay Jon ([jon.jay@epa.gov](mailto:jon.jay@epa.gov)) is the POC from our end. Some OSHA data were used.

Please send the comments to me and the other EPA POCs (copied in this email).

Thanks

Nhan

Nhan

Nhan Nguyen  
Chief, Assessment Branch V  
Risk Assessment Division  
Office of Pollution Prevention and Toxics  
US EPA  
1200 Pennsylvania Ave., NW  
Washington, DC 20460  
202-564-8526

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**From:** Schaeffer, Val - OSHA [<mailto:Schaeffer.Val@dol.gov>]

**Sent:** Wednesday, November 28, 2018 10:54 AM

**To:** Nguyen, Nhan <[Nguyen.Nhan@epa.gov](mailto:Nguyen.Nhan@epa.gov)>; Berr, Jonathan - OSHA <[Berr.Jonathan@dol.gov](mailto:Berr.Jonathan@dol.gov)>

**Cc:** Coble, Joe - OSHA <[Coble.Joe@dol.gov](mailto:Coble.Joe@dol.gov)>; Schayer, Stephen - OSHA <[Schayer.Stephen@dol.gov](mailto:Schayer.Stephen@dol.gov)>; Guzman, Casimiro A. - OSHA <[Guzman.Casimiro@dol.gov](mailto:Guzman.Casimiro@dol.gov)>; Schaeffer, Val - OSHA <[Schaeffer.Val@dol.gov](mailto:Schaeffer.Val@dol.gov)>

**Subject:** RE: Heads up and Input on Risk Evaluation Documents

Hi Nhan:

Welcome back from Thanksgiving break. We definitely support early review of the OE-ERAs for 1-BP, PERC, DCM, TCE, Asbestos(?) to verify characterization of data from the OSHA inspection data bases (see responses, in red text below, to your questions). Send the docs to Jonathan Berr and myself. JB will become your principal contact starting in January 2019. **Ex. 6 Personal Privacy (PP)** Thanks again for the heads up.

Regards

Val

Val Schaeffer, PhD

Directorate of Standards and Guidance

OSHA

202-693-2279

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**From:** Nguyen, Nhan <Nguyen.Nhan@epa.gov>

**Sent:** Wednesday, November 28, 2018 8:27 AM

**To:** Schaeffer, Val - OSHA <Schaeffer.Val@dol.gov>

**Subject:** Heads up and Input on Risk Evaluation Documents

Hi Val,

I hope you had a good Thanksgiving!

We are working diligently on the draft risk evaluations. The draft risk evaluations will undergo internal EPA and then outside of EPA (including OSHA, NIOSH, etc.) for review. In support of the risk evaluations, OPPT/RAD engineers have prepared draft occupational exposure and environmental release assessments (OE&ERA) which is being incorporated into the draft risk evaluations. The OE&ERAs are in different stages of development although reasonably complete and have included available OSHA data that you and your folks have provided to us previously.

We thought it will be helpful to provide these OE&ERAs to you and your folks early for your review prior to receipt of the draft risk evaluations during inter-agency review.

You have mentioned you have limited resources and may not review all the ten chemicals and have provided POCs for the four solvents. As part of the inter-agency review for the 1<sup>st</sup> ten chemicals, do you know if OSHA is planning to review ALL the draft risk evaluations and/or only some of the chemicals? Also, will the POCs you provided previously (i.e. PERC — **Ex. 6 Personal Privacy (PP)**; TCE — **Ex. 6 Personal Privacy (PP)**; 1-BP — **Ex. 6 Personal Privacy (PP)**; DCM — **Ex. 6 Personal Privacy (PP)**) be the ones who will review the reports? **[DSG plans to just review the five REs using the previous POCs].** We plan to send you the documents for chemicals you're interested in tomorrow or Friday so please let me know **[send to **Ex. 6 Personal Privacy (PP)** and we will distribute to the others Are you sending just the draft OE/ERAs or the full Res?]**. The following is the order of the chemicals in terms of our current thinking on peer review schedule:

1. PV-29
2. Dioxane
3. HBCD and Asbestos
4. TCE, 1-BP, Carbon tet, NMP, DCM and PERC

We would appreciate very much if you and your folks can review the documents especially the presentation and characterization of OSHA data and send us any comments you may have on the OSHA data or any other sections of the documents by December 17 **[Let us know if OSHA data comments go back to you or RAD POCs** Ex. 6 Personal Privacy (PP) **[PERC and 1-BP]** Ex. 6 Personal Privacy (PP) **DCM), and** Ex. 6 Personal Privacy (PP) **(TCE). Did you use OSHA data for asbestos RE?]**  
We will also be sending NIOSH these documents also for their review.

Again, thanks very much in advance for your help.

Best regards,

Nhan

Nhan Nguyen  
Chief, Assessment Branch V  
Risk Assessment Division  
Office of Pollution Prevention and Toxics  
US EPA  
1200 Pennsylvania Ave., NW  
Washington, DC 20460  
202-564-8526